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MYXOMYCETES OF CLAY COUNTY, KANSAS.

By JOHN H. SCHAFFNER, Ohio State University, Columbus, Ohio.

Read (by title) before the Academy, at Topeka, December 31, 1904.

IN recent years the writer has been collecting myxomycetes in various localities, and those from Clay county, so far as determined, are listed below. Thanks are due to Mr. A. P. Morgan, of Harrison, Ohio, and Prof. H. C. Beardslee, of Ashville, N. C., for assistance in identifying the species. The nomenclature is that of Macbride in "The North American Slime-molds."

CERATIOMYXACEÆ.

1. *Ceratiomyxa fruticulosa* (Muell.) Macbr.

PHYSARACEÆ.

2. *Fuligo ovata* (Schaeff.) Macbr.
3. *Physarum cinereum* (Batsch) Pers.
4. *Physarum nefroideum* Rost.
5. *Tilmadoche polycephala* (Schw.) Macbr.
6. *Tilmadoche viridis* (Bull.) Sacc.
7. *Badhamia orbiculata* Rex.
8. *Physarella oblonga* (B. & C.) Morg.
9. *Craterium minimum* B. & C.

DIDYMIACEÆ.

10. *Didymium minus* List.
11. *Diderma crustaceum* Peck.

STEMONITACEÆ.

12. *Stemonitis fusca* (Roth.) Rost.
13. *Stemonitis morgani* Peck.
14. *Stemonitis smithii* Macbr.
15. *Comatricha stemonitis* (Scop.) Sheld.
16. *Diachea leucopoda* (Bull.) Rost.

CRIBRARIACEÆ.

17. *Dictydiaethalium plumbeum* (Schum.) Rost.
18. *Tubifera ferruginosa* (Batsch.) Macbr.
19. *Dictydium cancellatum* (Batsch.) Macbr.

LYCOGALACEÆ.

20. *Lycogala epidendrum* (Buxb.) Fr.
21. *Lycogala flavo-fuscum* (Ehr.) Rost.

TRICHIACEÆ.

22. *Perichæna depressa* Lib.
23. *Perichæna quadrata* Macbr.
24. *Perichæna corticalis* (Batsch.) Rost.
25. *Arcyria incarnata* Pers.
26. *Arcyria denudato* (L.) Sheld.
27. *Arcyria cinerea* (Bull.) Pers.
28. *Hemitrichia vesparium* (Batsch.) Macbr.
29. *Trichia iowensis* Macbr.
30. *Trichia persimilis* Karst.